

## Method and device for database synchronisation in network management system

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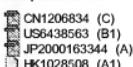
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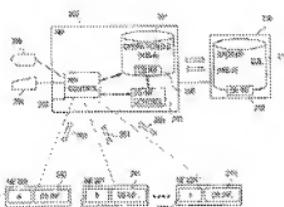
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A management information database (MIB) of network manager (NM) 200 and network elements (NE) 220-22N each store management information and database identifiers that indicate the update history of the management information. Database information is updated each time NM 200 sets or manipulates management information of each of NE 220-22N, and includes the identifiers of the NM and NE, that are subject to manipulation as well as access time 401 that indicates the time operations were carried out. When the management information database within the NM is substituted (overwritten) by back-up data due to, for example, damage, the database information stored by each of the NM and the NE is compared upon subsequent access of the NE, and in the event of discrepancies, the management information stored in the NE is uploaded and the management information stored in the management information database of the NM is updated by that management information to synchronize the management information of the MIB and the NE. The NE is then eliminated as a candidate for database information comparison.



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